

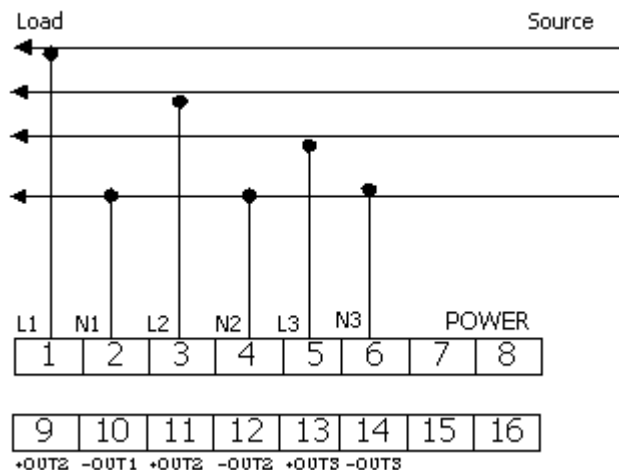
# Voltage Transducer (3 phase)

## VT195



- Input 3 Phase, 0-150 VAC, 0-300 VAC
- Output 4-20 mA, 0-5 VDC, 0-10 VDC
- Isolated Input, Output and Power Supply

**Voltage Transducer VT195** is designed for converting 3 phase sinusoidal alternating voltage into a load independent DC output signal proportional to the measured RMS input values.



## Specifications

### Input

**Number of channel:** 3 Channels

**Input type:** Voltage (3 Phase)

**Input range:** 0 to 150, 0 to 300 VAC  
(overrange 120% continuously, 150% for 10 sec.)

**Input loss:** < 0.3 VA

### Analog Output

**Number of channel:** 3 Channels

**Output type:** Current, Voltage

#### Output range:

Current Max 0 to 1 mA (Load Resistance 10 K $\Omega$ )

Current Max 0 to 5 mA (Load Resistance 2 K $\Omega$ )

Current Max 0 to 10 mA (Load Resistance 1 K $\Omega$ )

Current Max 0 to 20 mA (Load Resistance 600  $\Omega$ )

Current Max 4 to 20 mA (Load Resistance 600  $\Omega$ )

Voltage Min 0 to 10 mVDC (Load Resistance 500  $\Omega$ )

Voltage Min 0 to 100 mVDC (Load Resistance 500  $\Omega$ )

Voltage Min 0 to 1 VDC (Load Resistance 500  $\Omega$ )

Voltage Min 0 to 5 VDC (Load Resistance 1 K $\Omega$ )

Voltage Min 1 to 5 VDC (Load Resistance 1 K $\Omega$ )

Voltage Min 0 to 10 VDC (Load Resistance 2 K $\Omega$ )

**Linearity:** <  $\pm 0.5\%$  of span

### Power Requirements

**Power Supply:** 110, 220 VAC

### Environmental Limits

**Operating Temperature:** 0 to 55  $^{\circ}\text{C}$

**Operating Humidity:** 5 to 95% RH

**Storage Temperature:** 0 to 70  $^{\circ}\text{C}$

### Physical Characteristics

**Dimension:** W132 x H132 x D162 mm.

**Mounting:** Wall mount

**Wiring:** Screw terminals

### Warranty

**Warranty Period:** 5 year

**Ordering Information:** Specify Input, Output, Power supply

Example VT195/0-150 VAC/4-20 mA/220 VAC

### Package Checklist

1. VT195